# e-GeForce 6600GT

**Part Number: 128-P2-N372**

> **128MB**
> **DDR3**
> **HDTV**
> **PCI-E**

## At A Glance

- 256-bit GeForce 6600 GT (500MHz clock)
- 128MB 128-bit 2ns (8x32) DDR3 Memory
    (500MHz clock - 1000MHz effectiv
- PCI Express x16 Compatibility
    (PCI Express Compliant)
- Integrated NVIDIA TV Encoder (S-Video)
- 1 Single TMDS DVI-I connector for
  analog / digital display
- 1 Dual TMDS DVI-I connector for
  analog / large screen digital display
- 16 GB per second memory bandwidth
- Supports component video (HDTV-output)

**Single dual-link DVI support**
(Able to support digital resolutions
up to 2560x1600

### Interface
- HDTV
- DVI-I
- DVI-I

## Features

- Superscaler 8-pipe architecture
- NVIDIA CineFX™ 3.0 Engine
- NVIDIA UltraShadowII Technology
- 64-bit texture filtering and blending
- NVIDIA Intellisample 3.0 Technology
- SLI Multi-GPU Ready
- 128-bit studio precision computation
- Full speed 32-bit color precision
- NVIDIA nView multi-display technology
- On-Chip video processor
- Integrated Dual 400MHz RAMDACs
- Advanced Adaptive De-Interlacing
- NVIDIA Digital Vibrance Control (DVC) 3.0
- 64-phase video scaler
- True color 64x64 hardware cursor with alpha
- Optimized for 32, 24, 16, 15 and 8-bpp modes
- Integrated full-hardware MPEG support
- Supports up to 2560x1600 digital resolutions
    (only on dual TMDS DVI head)

## Driver Support

- ResChanger©
- NVIDIA Unified Driver Architecture (UDA)
  (Windows 2000/XP/XPx64/MCE 2005)
- Full DirectX 9.0 support
- Full OpenGL ICD for All Supported
  Operating Systems

## Dimensions

- height: 3.88in - 88.4mm
- length: 6.88in - 174.6mm

## Resolution Chart

| | 8-Bit | 16-Bit | 32-Bit |
|---|---|---|---|
| 640 x 480 | 240Hz | 240Hz | 240Hz |
| 800 x 600 | 240Hz | 240Hz | 240Hz |
| 1024 x 768 | 240Hz | 240Hz | 200Hz |
| 1152 x 864 | 200Hz | 200Hz | 170Hz |
| 1280 x 960 | 170Hz | 170Hz | 150Hz |
| 1280 x 1024 | 170Hz | 170Hz | 150Hz |
| 1600 x 1024 | 120Hz | 120Hz | 100Hz |
| 1600 x 1200 | 120Hz | 120Hz | 100Hz |
| 1920 x 1080 | 100Hz | 100Hz | 85Hz |
| 1920 x 1200 | 100Hz | 100Hz | 85Hz |
| 1920 x 1440 | 85Hz | 85Hz | 75Hz |
| 2048 x 1536 | 75Hz | 75Hz | 60Hz |

Refresh rates shown are
the highest obtainable
and are monitor dependent.
Resolutions, pixel depths
and refresh rates are driver
dependent and may not be
available in all applications
or operating system.

Gaming
Imaging
3D
Video
Entertainment
Photos
Graphics

*nVIDIA.*
**GeFORCE 6600 GT**